## DUKE POWER COMPANY

P.O. BOX 33189 CHARLOTTE, N.C. 28242

HAL B. TUCKER VICE PRESIDENT NUCLEAR PRODUCTION

August 15, 1983

TELEPHONE (704) 373-4531

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

Re: Oconee Nuclear Station

Docket Nos. 50-269, -270, -287

Dear Sir:

Please find attached information concerning the performance and operating status of the Oconee Nuclear Station for the month of July, 1983.

Very truly yours,

H.B. Tucker / Md

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission

Region II

101 Marietta Street, NW, Suite 2900

Atlanta, Georgia 30303

Mr. Phil Ross U. S. Nuclear Regulatory Commission MNBB-5715 Washington, D. C. 20555

Senior Resident Inspector Oconee Nuclear Station Mr. J. F. Suermann, Project Manager Office of Nuclear Reactor Regulation U. S. Nuclear Regulatory Commission Washington, D. C. 20555

INPO Records Center Suite 1500 1100 Circle 75 Parkway Atlanta, Georgia 30339

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## OPERA DATA REPORT

DOCKET NO. 50-269

DATE 8-15-83

COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee No. 1 2. Reporting Period: July 1, 1983 - July 3. Licensed Thermal Power (MWt): 2568 4. Nameplate Rating (Gross MWe): 93 5. Design Electrical Rating (Net MWe): 88 6. Maximum Dependable Capacity (Gross MWe): 7. Maximum Dependable Capacity (Net MWe): 8. If Changes Occur in Capacity Ratings (Items Num None	4 6 899 860	lated using a average for madependable car	ors are calcu- weighted aximum pacity.
9. Power Level To Which Restricted, If Any (Net Model) 10. Reasons For Restrictions, If Any:	(We): None		
	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	744.0	5 087.0	88 032.0
2. Number Of Hours Reactor Was Critical	0.0	3 633.9	61 300.9
3. Reactor Reserve Shutdown Hours		to the stable was specified	-
4. Hours Generator On-Line	0.0	3 608.5	58 191.5
5. Unit Reserve Shutdown Hours	-		
16. Gross Thermal Energy Generated (MWH)	0	9 155 900	138 275 587
7 Gross Electrical Energy Generated (MWH)	0	3 181 070	48 098 980
8. Net Electrical Energy Generated (MWH)	-3 188	3 034 605	45 531 531
19. Unit Service Factor	0.0	70.9	66.1
20. Unit Availability Factor	0.0	70.9	66.1
21. Unit Capacity Factor (Using MDC Net)	0.0	69.4	60.0
22. Unit Capacity Factor (Using DER Net) 23. Unit Forced Outage Rate	0.0	0.8	18.2
4. Shutdowns Scheduled Over Next 6 Months (Typ Currently Refueling			10.2
25. If Shut Down At End Of Report Period, Estimate	and Dave of Survey	_August 18, 1983	
26. Units In Test Status (Prior to Commercial Opera		Forecast	Achieved
INITIAL CRITICALITY			
INITIAL ELECTRICITY			
COMMERCIAL OPERATION			

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-269
UNIT	Oconee 1
DATE	8-15-83
COMPLETED BY	J. A. Reavis
TELEPHONE	704-373-7567

AVERACE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
-	17	-
_	1.2	A STATE OF THE STA
	19	
-	20	
-	21	-
	22	-
-	23	-
-	24	
-	25	
	25	
	27	-
	28	
	19	
-	30	
	31	

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe Net for each day in the reporting in our I impute to the nearest whole megawait.

#### UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

50-269 DOCKET NO. Oconee UNIT NAME 8-15-83 DATE J. A. Reavis COMPLETED BY TELEPHONE . 704-373-7567

٧	Date	Type!	Duration (Hours)	, mosens	Method of Shutting Down Reactor?	Licensee Event Report #	System	Component	Cause & Corrective Action to Prevent Recurrence
4	83-07-01	S	744.00	С			RC	Fuelxx	Normal Refueling and NSM work.

1 Lored

S. Scheduled

Reason

A Equipment Failure (Explain)

B Maintenance or Test

( Retneling -

D Regulatory Restriction

1 Operator Training & License Lyamination

I Administrative

G Operational From (F splain)

H Other (Explain)

Method:

Lunual 1

2 Manual Scram.

J-Automatic Serum.

4 Other (Explain)

Exhibit G - Instructions for Preparation of Data. Entry Sheets for Licensee Event Report (LTR) File (NURLG-01611

Exhibit I - Same Source

DOC	KET NO:	50-269	
	UNIT:	Oconee 1	
	DATE:	8-15-83	-

## NARRATIVE SUMMARY

Month:	Jul	У.	1983	

Oconee Unit 1 remained shutdown the entire month of July for normal refueling and NSM work.

## MONTHLY REFUELING INFORMATION REQUEST

F	Facility name: Oconee Unit 1		
5	Scheduled next refueling shutdown:	Currently Refu	eling
2	Scheduled restart following refueling:	August, 1983	
-	Will refueling or resumption of operati specification change or other license a If yes, what will these be?	mendment? Ye	s .
1	If no, has reload design and core confi Review Committee regarding unreviewed s	safety question	ns? N/A
	Scheduled date(s) for submitting proposinformation: N/A	sed licensing a	action and supportin
	Important licensing considerations (new unreviewed design or performance analys design or new operating procedures).	v or different sis methods, s	design or supplier, ignificant changes i
	Important licensing considerations (new unreviewed design or performance analysts)	v or different sis methods, s	design or supplier, ignificant changes i
	Important licensing considerations (new unreviewed design or performance analys design or new operating procedures).  Number of fuel assemblies (a) in the constant of the con	sis methods, s	ignificant changes i
	Important licensing considerations (new unreviewed design or performance analys design or new operating procedures).  Number of fuel assemblies (a) in the company of the second	ore: 177 pent fuel pool	ignificant changes i
	Important licensing considerations (new unreviewed design or performance analysidesign or new operating procedures).  Number of fuel assemblies (a) in the continuous (b) in the symptometry:	ore: 177 pent fuel pool	ignificant changes i
	Important licensing considerations (new unreviewed design or performance analysidesign or new operating procedures).  Number of fuel assemblies (a) in the companion (b) in the specific projected date of last refueling which	ore: 177 pent fuel pool	ignificant changes i

<sup>\*</sup>Represents the combined total for Units 1 and 2.

## OPERATING DATA REPORT

DOCKET NO. 50-270

DATE 8-15-83

COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

## OPERATING STATUS

1. Un	it Name: Oconee No. 2	falls, to the same	Notes	
2. Re	porting Period: July 1, 1983 - July	31, 1983	Year-to-date	
3. Lic	ensed Thermal Power (51Wt): 2568		capacity fact	
4. Nai	mapine maning (Gross Mine).	934	lated using a average for m	
5 Des	sign Electrical Rating (Net MWe):8	186	dependable ca	
6. Ma	ximum Dependable Capacity (Gross MWe):	899		,
	ximum Dependable Capacity (Net MWe):	860		
8. If C	Changes Occur in Capacity Ratings (Items None	umber 3 Through 7) Si	nce Last Report, Give F	Reasons:
9. Pov	wer Level To Which Restricted, If Any (Net	MWe): None		
0. Re:	sons For Restrictions, If Any:			
		This Month	Yrto-Date	Cumulative
I. Ho	urs In Reporting Period	744.0	5 087.0	77 952.0
2. Nur	mber Of Hours Reactor Was Critical	744.0	4 746.7	55 660.4
3. Res	actor Reserve Shutdown Hours		-	-
4. Hou	urs Generator On-Line	744.0	4 727.3	54 537.7
5. Uni	it Reserve Shutdown Hours			
6. Gro	oss Thermal Energy Generated (MWH)	1 909 866	12 017 561	128 680 870
	oss Electrical Energy Generated (MWH)	646 520	4 109 070	43 821 216
	Electrical Energy Generated (MWH)	618 215	3 931 281	41 601 516
	t Service Factor	100.0	92.9	70.0
	t Availability Factor	100.0	92.9	70.0
	t Capacity Factor (Using MDC Net)	96.6	89.9	61.9
	t Capacity Factor (Using DER Net)	93.8	87.2	60.2
	t Forced Outage Rate			16.6
Ref	tidowns Scheduled Over Next 6 Months (Ty fueling - September 25, 1983 -	pe, Date, and Duration 10 Weeks	of Each):	
5. If S	hut Down At End Of Report Period, Estim	ated Date of Startup:		TOTAL CHARLES
6. Uni	ts In Test Status (Prior to Commercial Oper	ration):	Forecast	Achieved
	INITIAL CRITICALITY			
	INITIAL ELECTRICITY			
			The Personal Property and Prope	The second secon

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-270
UNIT	Oconee 2
DATE	8-15-83
COVILETED BY	J. A. Reavis
TELEPHONE	704-373-7567

AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
835	17	832
834	13	831
834	19	831
834	20	830
834	21	830
834	12	830
833	23	830
* 834	24	829
834	25	829
834	25	829
833	17	829
833	23	829
832	29	829
832		812
832	30	827
831	31	027

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting in oth. I impute the nearest whole megawatt.

#### UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270

UNIT NAME Oconee 2

B-15-83

COMPLETED BY J. A. Reavis

TELEPHONE 704-373-7567

REPORT MONTH July, 1983

No.	Duc	Typel	Dargion (Hours)	Report	Method of Shutting Down Reactors	Licensee Event Report #	System	Component	Cause & Corrective Action to Prevent Recurrence
9-P	83-07-30	S		В			СС	Valvex	Turbine Valve Movement Test

1 Lorded S Scheduled

Reason

A Equipment Failure (1 xplain)

B Maintenance or Test

Cletneling .

D Regulatory Restriction

1 Operator Training & License Examination

f Administrative

G Operational Litor (Explain)

H Other (Explain)

Method:

Lunual

2 Manual Scrain

J-Automatic Scram.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data . Entry Sheets for Licensee Event Report (LFR) File (NURLG-0161)

Exhibit I - Same Source

-1

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 8-15-83

### NARRATIVE SUMMIARY

Month: July, 1983

Oconee Unit 2 ran well the entire month of July, 1983. On July 30 power was reduced to 88% to perform the monthly turbine valve movement test. The test was completed and the Unit returned to 100% power the same day.

## MONTHLY REFUELING INFORMATION REQUEST

	ity name:						
Sched	luled next	refueling	shutdown:	Septembe	r, 1983		
Sched	uled rest	art follow	ing refueli	ing: No	vember,	1983	
speci	fication	change or	tion of ope other licer be? <u>Techn</u>	ise amendi	ment?	Yes .	a technica
If no	o, has rel	oad design	and core ong unreview	configura wed safet	tion been	n reviewed	by Safety
	duled date		bmitting pr	roposed 1	icensing	action and	i supporti
				(	1166	t dool on a	r ounnlier
Impor	rtant lice viewed des	nsing cons	iderations formance an procedures	nalysis m	ethods,	t design on significant	changes
Impor	rtant lice viewed des	nsing cons	formance an	nalysis m	ethods,	significant	changes
Importunces	rtant lice viewed des gn or new	ensing cons	formance an	nalysis m	ethods,	significant	changes
Importunces	rtant lice viewed des gn or new	ensing cons	formance as procedures)	he core:	ethods,	significant	t changes
Importunces designment	er of fuel	ensing consign or per operating assemblie	formance as procedures)	he core: he spent y: 131	177 fuel poo	significant	t changes
Importunce designment	er of fuel	assemblie  sed fuel posted or pla	es (a) in the (b) in the col capacity	he core: he spent y:131 ase:	177 fuel poo	i: 1011	* .
Importunces designment	er of fuel	assemblie assemblie sed fuel posted or pla	es (a) in the col capacity anned incres	he core: he spent y:131 ase:	177 fuel poo	i: 1011	* present

<sup>\*</sup>Represents the combined total for Units 1 and 2.

## OPERATING DATA REPORT

DOCKET NO. 50-287

DATE 8-15-83

COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS			
	934 886		aximum
9. Power Level To Which Restricted, If Any (Ne) 10. Reasons For Restrictions, If Any:	t MWe): None	ince Last Report. Give	Reasons:
	This Month	Yrto-Date	Cumulative
1. Hours In Reporting Period	744.0	5 087.0	75 599.0
2. Number Of Hours Reactor Was Critical	744.0	5 003.3	53 224.4
3. Reactor Reserve Shutdown Hours			
4. Hours Generator On-Line	744.0	4 964.4	52 107.7
5. Unit Reserve Shutdown Hours	1 897 639	12 590 659	126 620 720
6. Gross Thermal Energy Generated (MWH)	659 490	4 371 380	126 639 720
7 Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH)	631 591	4 188 490	41 656 591
19. Unit Service Factor	100.0	97.6	68.9
20. Unit Availability Factor	100.0	97.6	68.9
11. Unit Capacity Factor (Using MDC Net)	98.7	95.7	63.9
22. Unit Capacity Factor (Using DER Net)	95.8	92.9	62.2
3. Unit Forced Outage Rate	0.0	2.4	16.1
24 Shutdowns Scheduled Over Next 6 Months (T Pressure Relief Valve Repairs -	ype. Date, and Duratio August 19, 1983	on of Each): - 1 Week	
25. If Shut Down At End Of Report Period, Estin	nated Data of '		
6. Units In Test Status (Prior to Commercial Ope		Forecast	Achieved
INITIAL CRITICALITY			
INITIAL ELECTRICITY			

COMMERCIAL OPERATION

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-287
UNIT	Oconee 3
DATE	8-15-83
COMPLETED BY	J. A. Reavis
TELEPHONE	704-373-7567

AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
832	17	850
853	13	850
853	19	850
853	20	850
853	21	849
853	22	849
853	23	849
853	24	848
853	25	849
852	. 25	848
853	=	847
852	23	849
834	29	849
839	30	847
851	31	846

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the repurring in him. I impute to the nearest whole megawatt.

### UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-287 Oconee 3 UNITNAME 8-15-83 DATE J. A. Reavis COMPLETED BY TELEPHONE . 704-373-7567

No.	Date	Type 1	Darettom (Hours)	Scason	Method of Shutting Down Reactor?	Licensee Event Report #	System	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
10-P	83-07-01	F		В			СН	Pumpxx	Reduced Power to 90% to Work On the D1 Heater Drain Pump.
11-P	83-07-13	F		В	-		СН	Pumpxx	Reduced Power to 88% to Work on the D1 Heater Drain Pump

1 Lowerd -

S. Scheduled

Reason

A Equipment Failure (Explain)

B Maintenance or Test

C Retueling .

D-Regulatory Restriction

1 Operator Training & License Examination

I Administrative

G Operational Litor (Explain)

H Other (Explain)

Method:

1 Manual

2 Manual Scrain.

J-Automatic Seram.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data . Entry Sheets for Licensee Event Report (LFR) File (NURLG-01611

Exhibit 1 - Same Source

DOC	KET NO	_	50-287	
	UNIT:	_	Oconee 3	
	DATE:		8-15-83	

NARRATIVE SUMMARY

Month: July,	1983
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Oconee Unit 3 entered the month of July at full power. On July 1 and July 13 power was reduced to permit work on the D1 heater drain pump. The unit returned to full power without any major problems following the maintenance.

## MONTHLY REFUELING INFORMATION REQUEST

Facility name: Oconee Unit 3
Scheduled next refueling shutdown: May, 1984
Scheduled restart following refueling:July, 1984
Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes  If yes, what will these be? Technical Specification Revision
If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A.
Scheduled date(s) for submitting proposed licensing action and supportinformation: $N/A$
Important licensing considerations (new or different design or supplier unreviewed design or performance analysis methods, significant changes design or new operating procedures).
Number of fuel assemblies (a) in the core: 177
Number of fuel assemblies (a) in the core: 177 .  (b) in the spent fuel pool: 40 .  Present licensed fuel pool capacity: 474  Size of requested or planned increase:
(b) in the spent fuel pool:  Present licensed fuel pool capacity:474
(b) in the spent fuel pool:  Present licensed fuel pool capacity:

#### OCONEE NUCLEAR STATION

#### Operating Status Report

#### 1. Personnel Exposure

For the month of June, 7 individuals exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.660 rem, which represents approximately 13.8% of that person's allowable annual limit.

2. The total station liquid release for June has been compared with the Technical Specifications annual value of 15 curies; the total release for June was less than 10 percent of this limit.

The total station gaseous release for June has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for June was less than 10 percent of this limit.